

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4133 - L2 Version 3
Chandra X-Ray Center

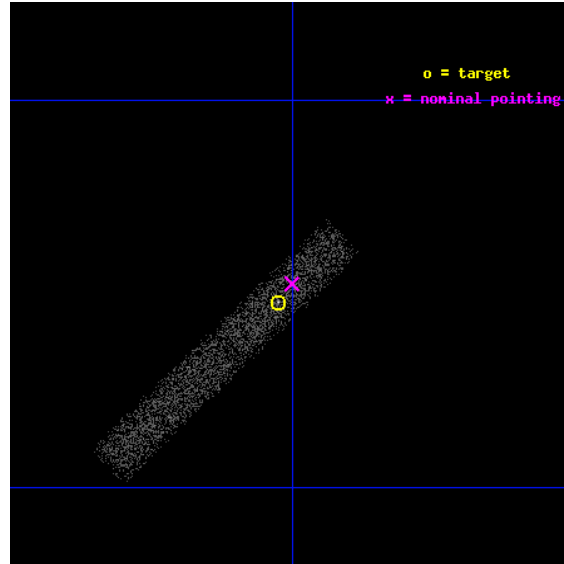
L2 Processing Date : Oct 19 2012

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1 Front

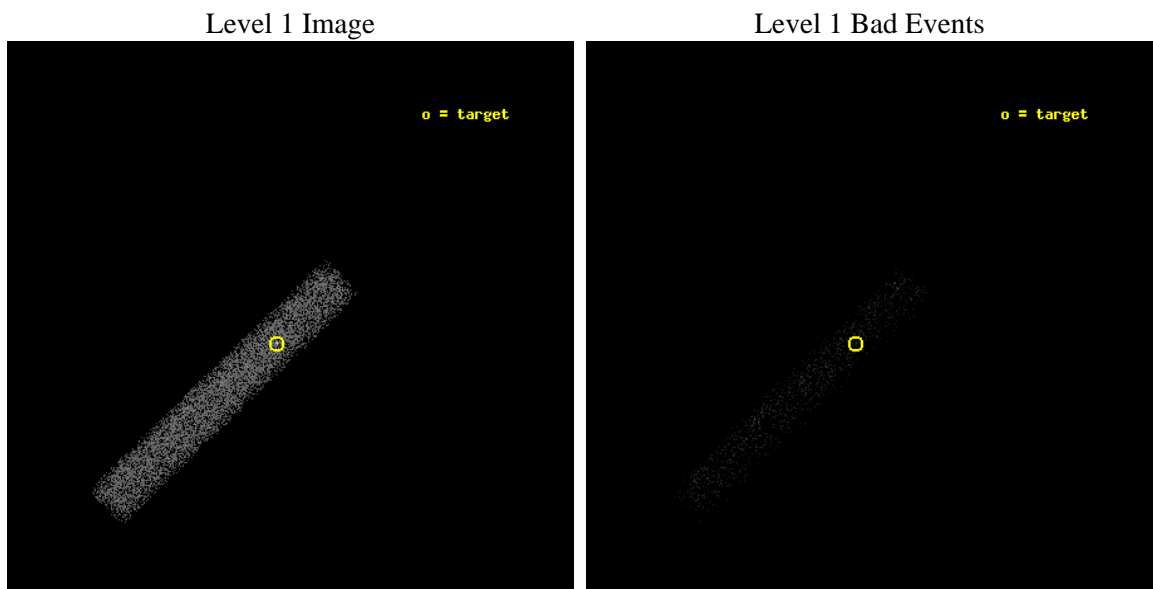
seq_num	700812	Sequence number
obs_id	4133	Observation id
title	CHANDRA OBSERVATIONS OF THE FIRST SAMPLE OF RADIO-LOUD NARROW LINE SEYFERT I GALAXIES	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	FIRST J072302+505448	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	110.759583	Observer's specified target RA [deg]
dec_targ	50.913333	Observer's specified target Dec [deg]
ra_nom	110.75054327552	Nominal RA [deg]
dec_nom	50.92111410912	Nominal Dec [deg]
roll_nom	136.03812667646	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10107.600150585	Sum of GTIs [s]
livetime	9167.0598136996	Livetime [s]
ontime7	10107.600150585	Sum of GTIs [s]
l2events	5165	Number of level 2 events



2 OBI

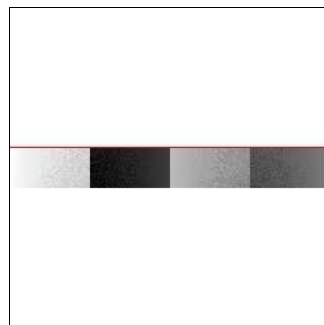
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9925.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10107.600150585	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	10107.600150585	Sum of GTIs [s]
date	2012-10-19T05:49:23	Date and time of file creation	l1events	12126	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

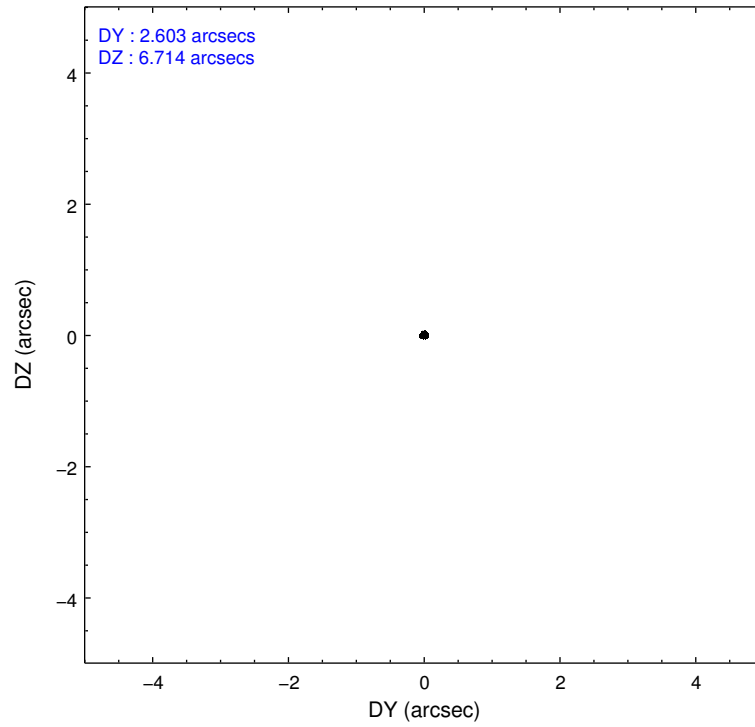
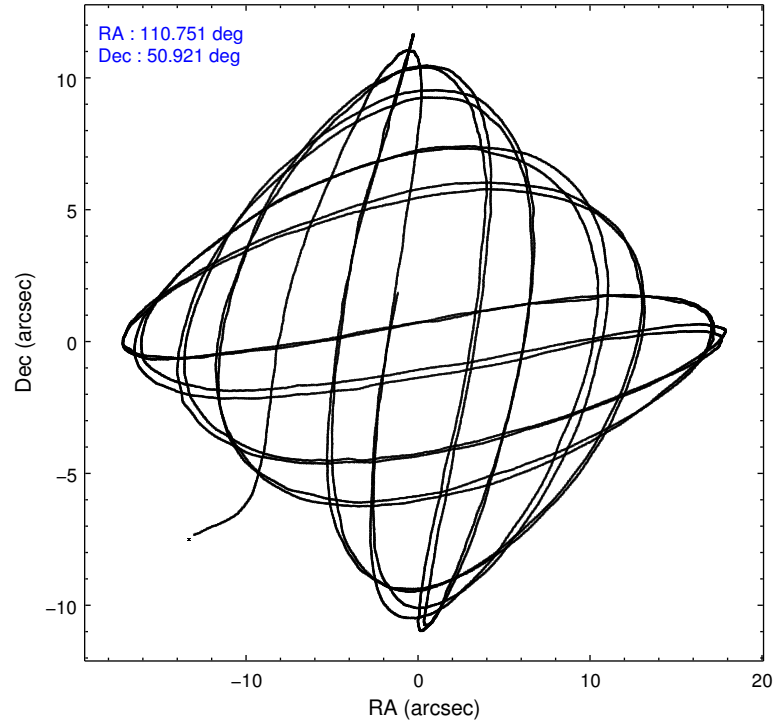
	ccd 7
level 1 events	12126
rejected events	6768
rejected %	55%

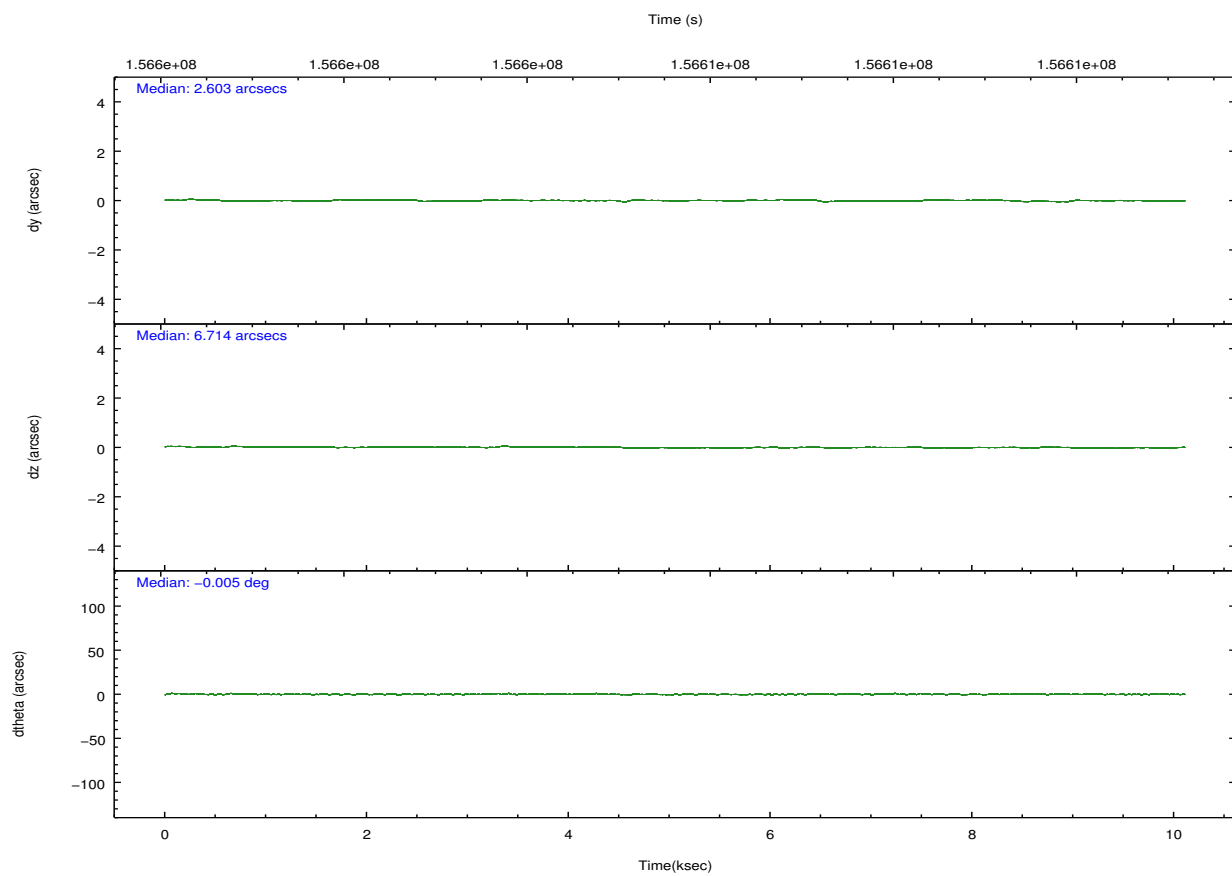
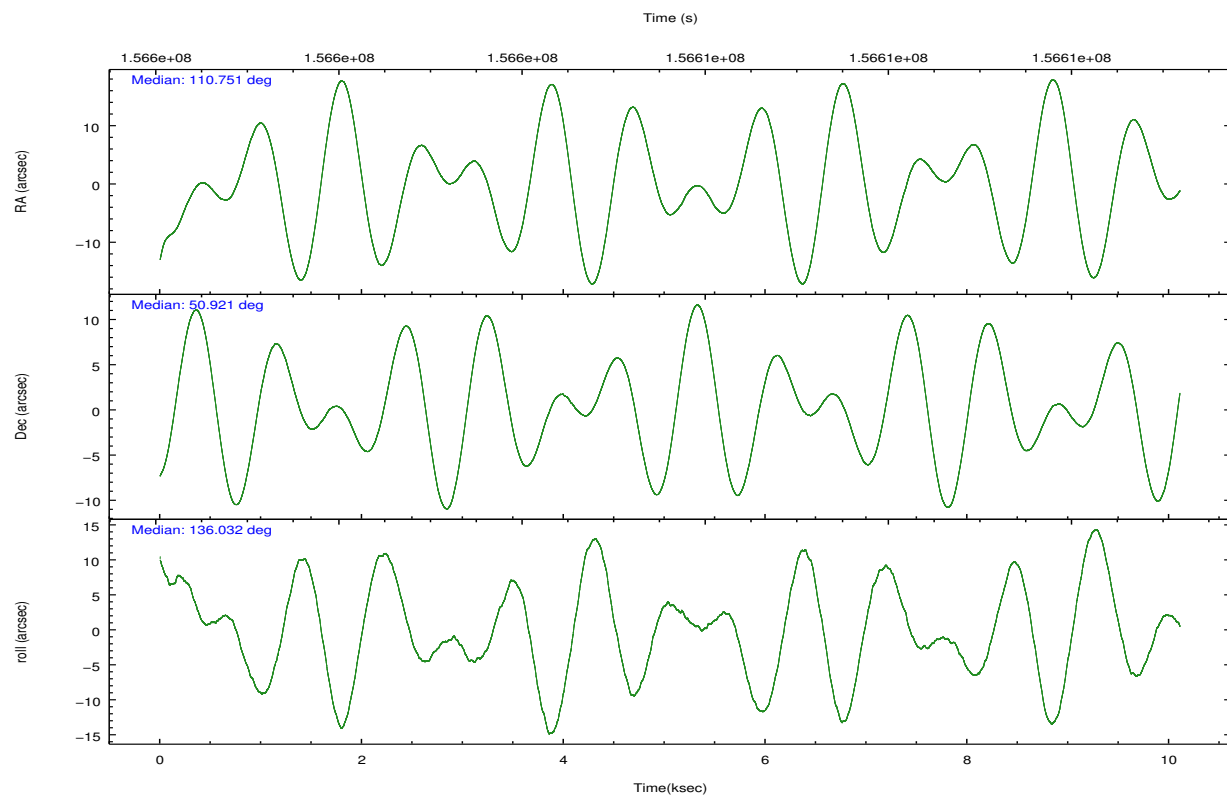
	ccd 7
grade 0 events	723
	5%
grade 1 events	16
	0%
grade 2 events	1114
	9%
grade 3 events	764
	6%
grade 4 events	724
	5%
grade 5 events	1109
	9%
grade 6 events	2461
	20%
grade 7 events	5215
	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	110.792624	110.750543275516	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	50.914936	50.92111410911976	Subarray start row	449	449
[deg] Pointing Roll	135.848826	136.0381266764598	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	156600748.184000	156599687.69354			
Observation start date	2002-12-18T12:11:24	2002-12-18T11:54:47			
[s] Observation end time (MET)	156610673.184000	156611422.91903			
Observation end date	2002-12-18T14:56:49	2002-12-18T15:10:22			
Read mode	TIMED	TIMED			

2.3 Aspect



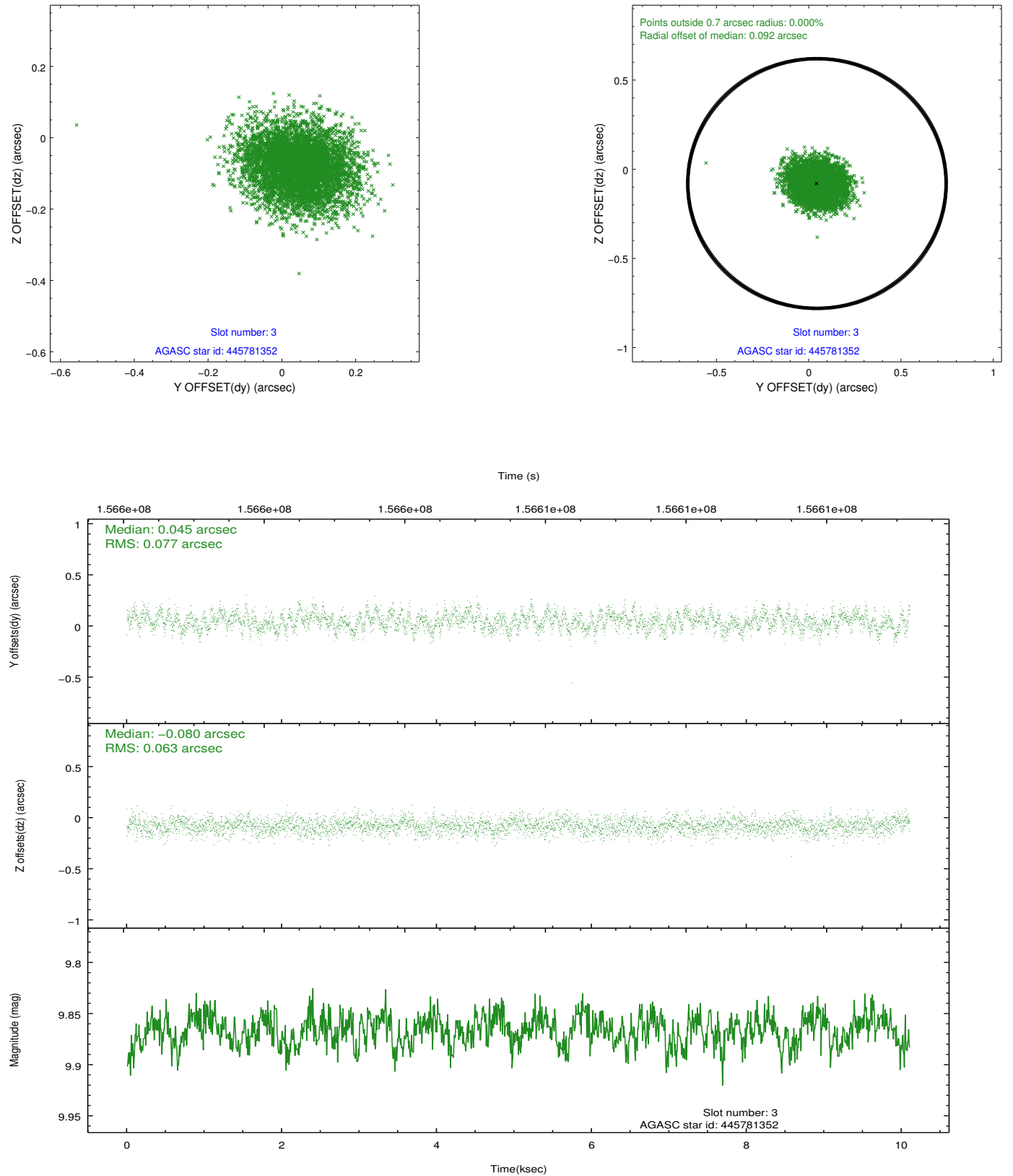


Slot Statistics

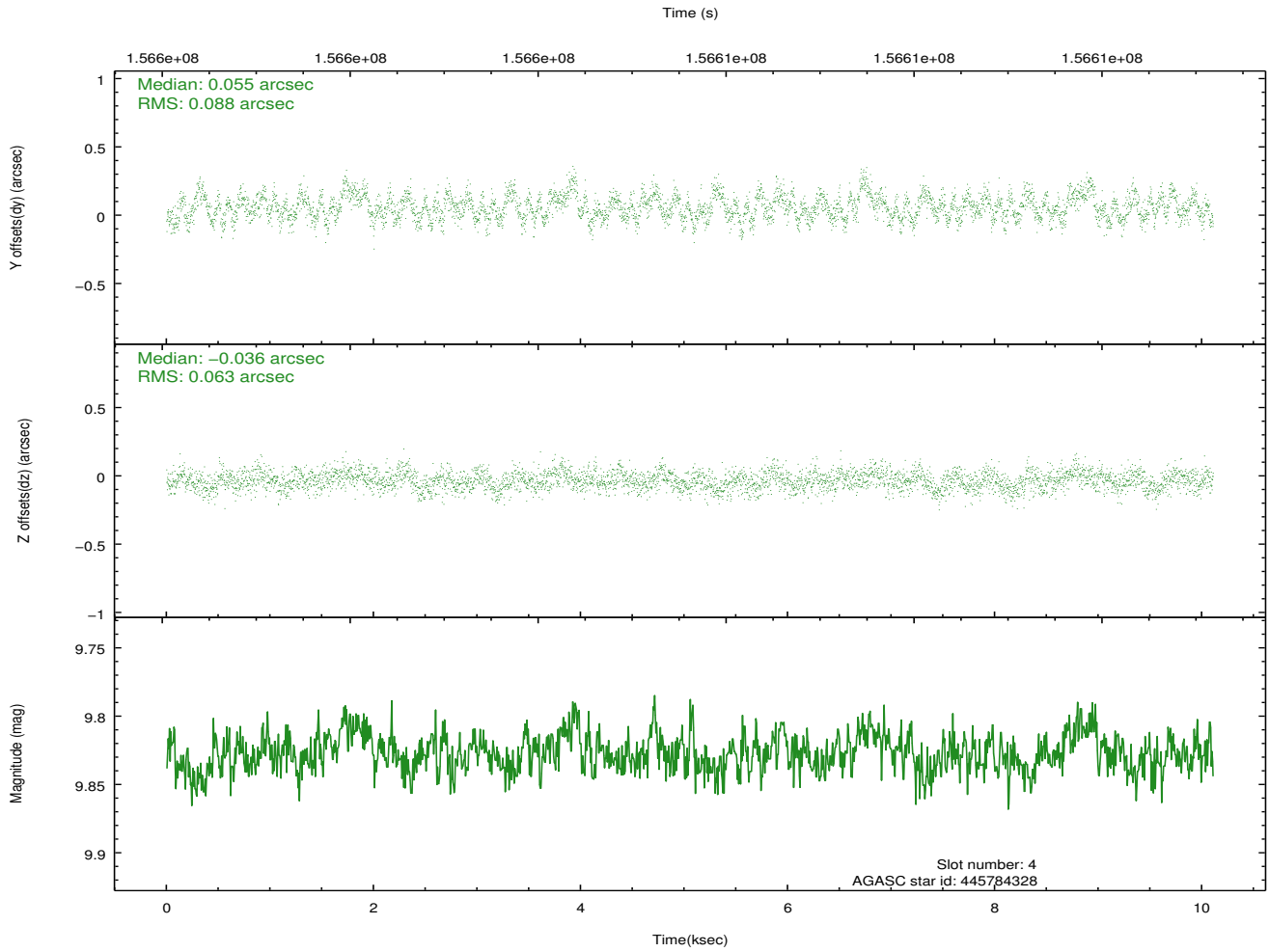
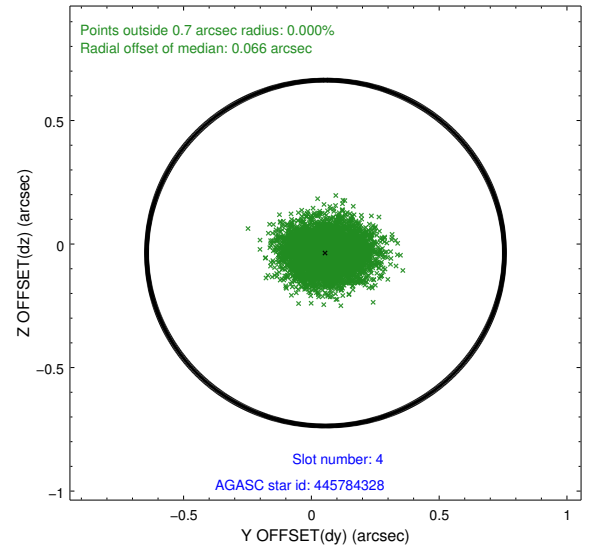
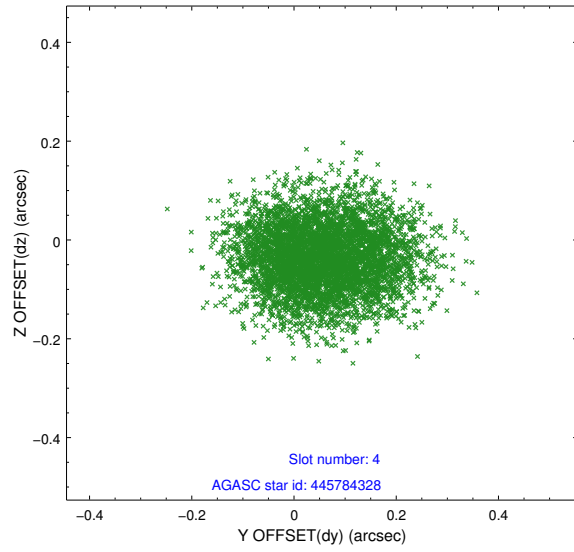
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2466	-0.031	0.004	0.006	0.011	0.000000	0.000000	-755.24	-1727.88
1	FID	ACIS-S-4	7.20	2466	-0.004	0.014	0.005	0.010	0.000000	0.000000	2157.80	180.11
2	FID	ACIS-S-5	7.24	2466	0.004	-0.009	0.007	0.011	0.000000	0.000000	-1807.40	174.31
3	GUIDE	445781352	9.87	4927	0.045	-0.080	0.108	0.172	110.538585	50.366457	-955.55	1821.94
4	GUIDE	445784328	9.83	4925	0.055	-0.036	0.115	0.183	110.782555	50.504685	-1011.72	1075.77
5	GUIDE	446305232	8.76	4929	-0.117	-0.075	0.071	0.112	110.187466	50.886130	918.09	1027.67
6	GUIDE	446300504	9.26	4931	-0.018	0.101	0.077	0.124	110.558500	51.278663	1291.90	-572.69
7	GUIDE	446304296	8.85	4931	0.034	0.090	0.062	0.101	112.096507	50.834171	-2310.13	-1875.64

2.4 Star Slots

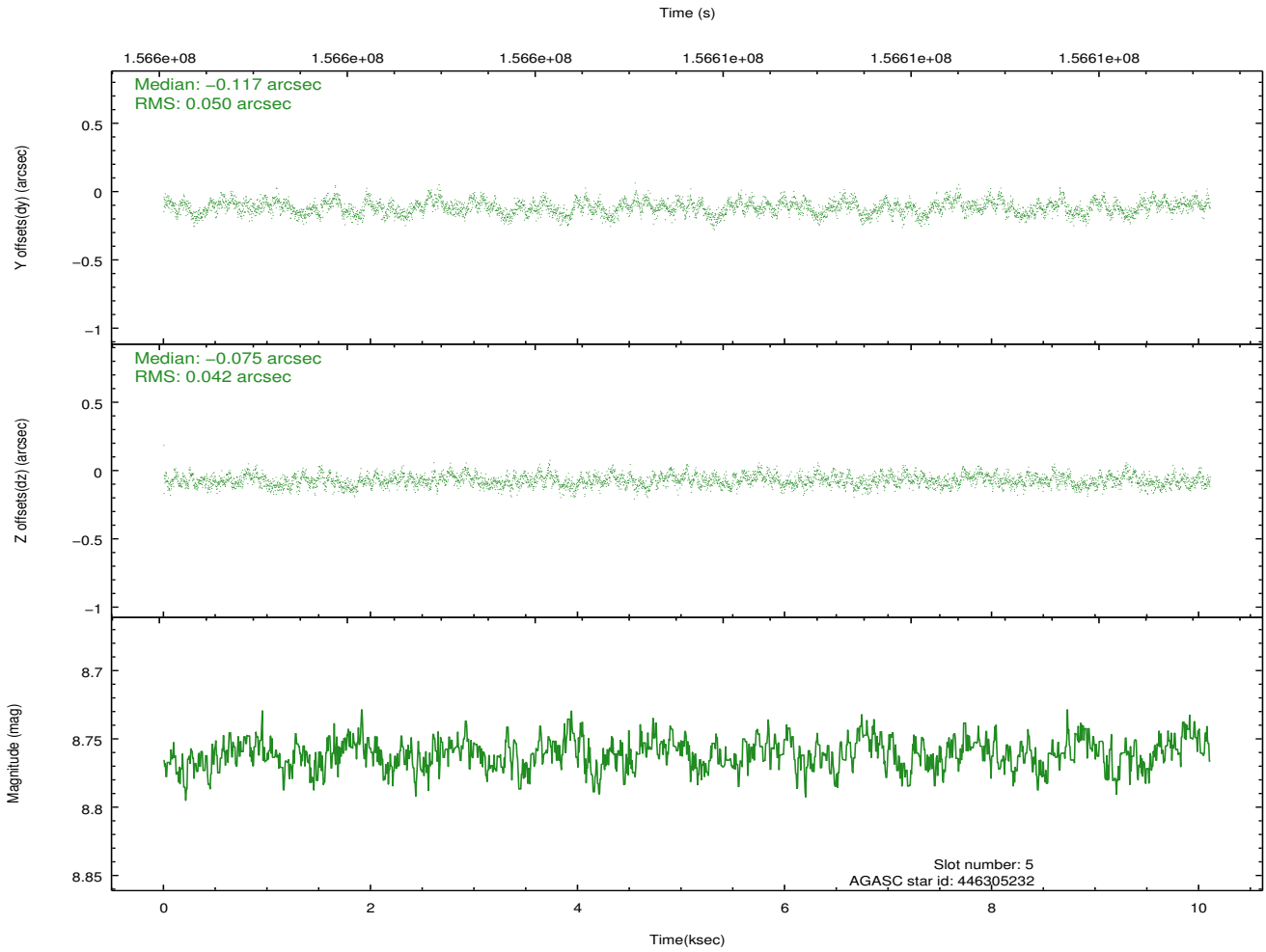
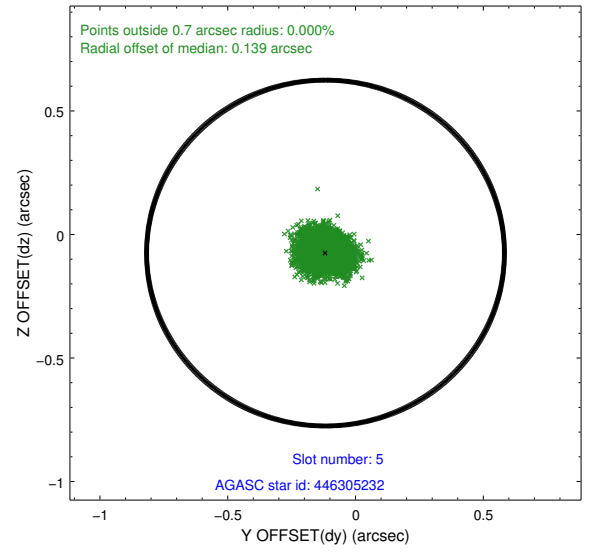
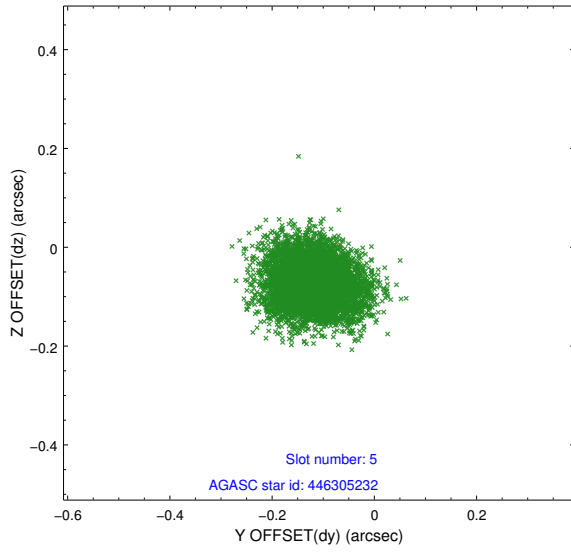
2.4.1 Slot 3



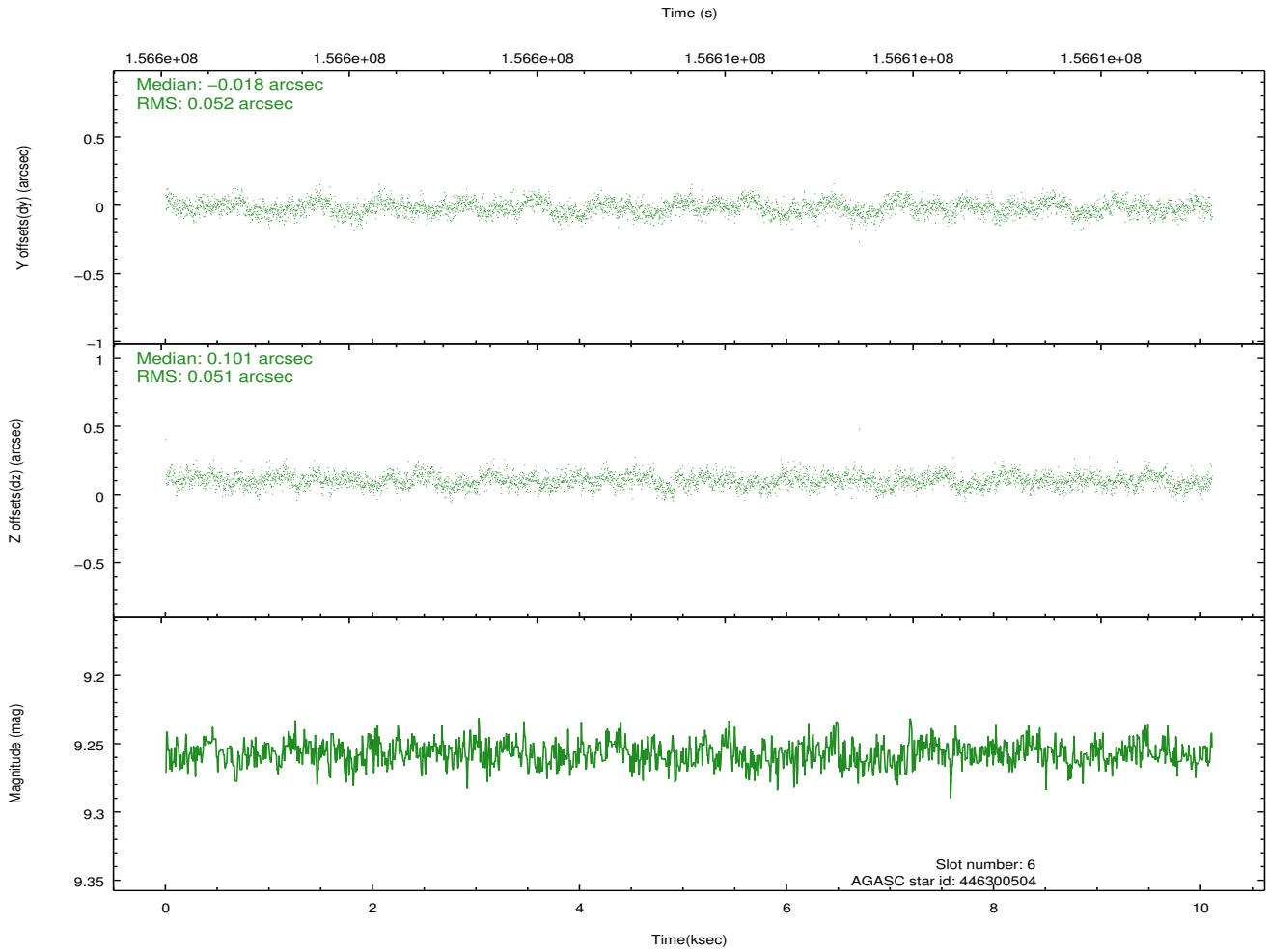
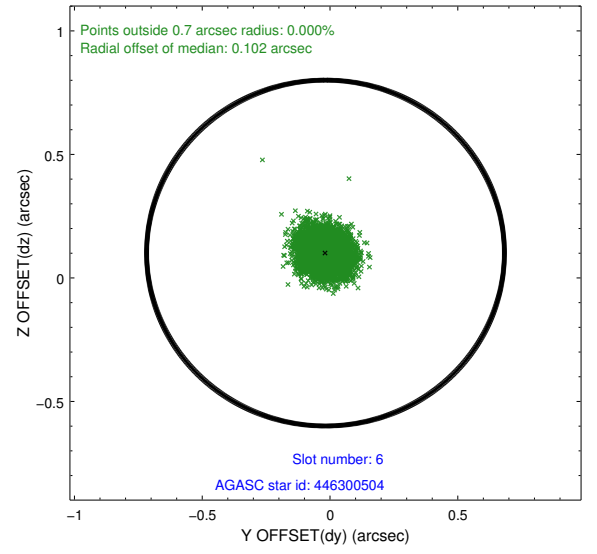
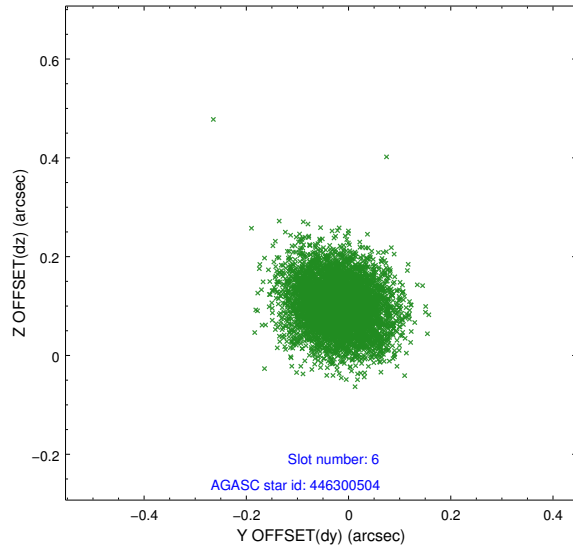
2.4.2 Slot 4



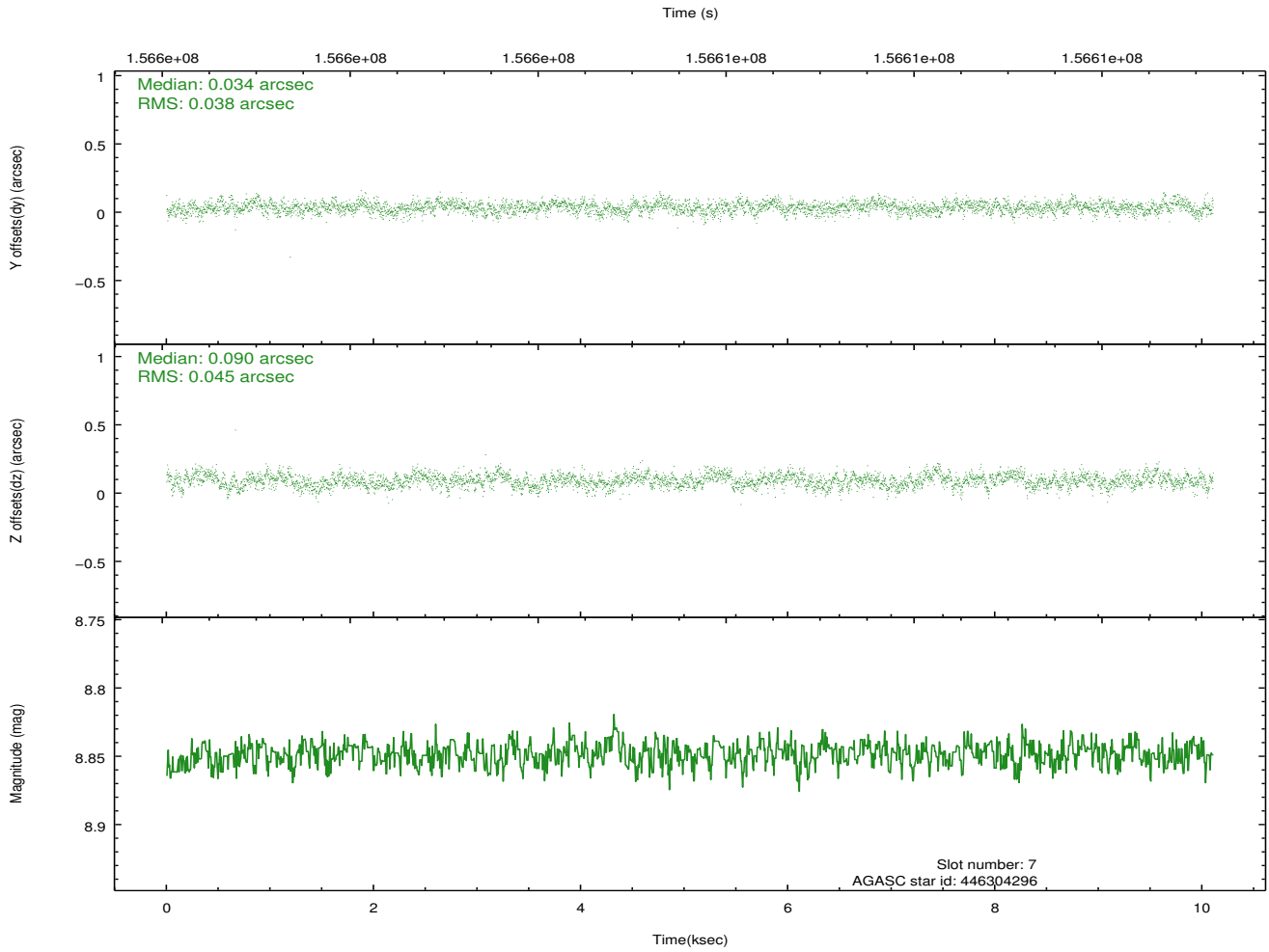
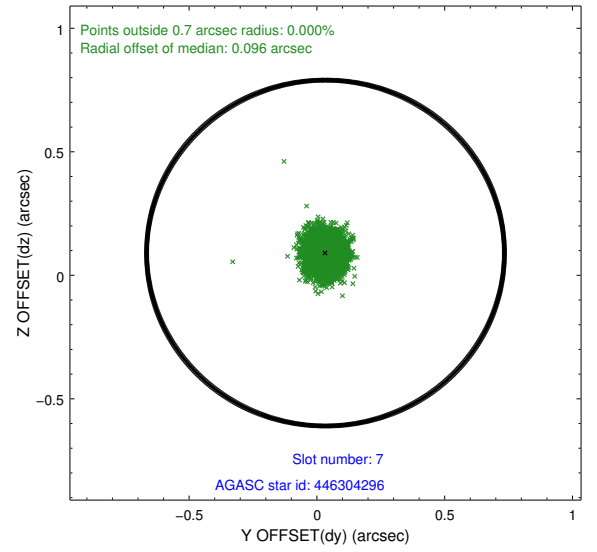
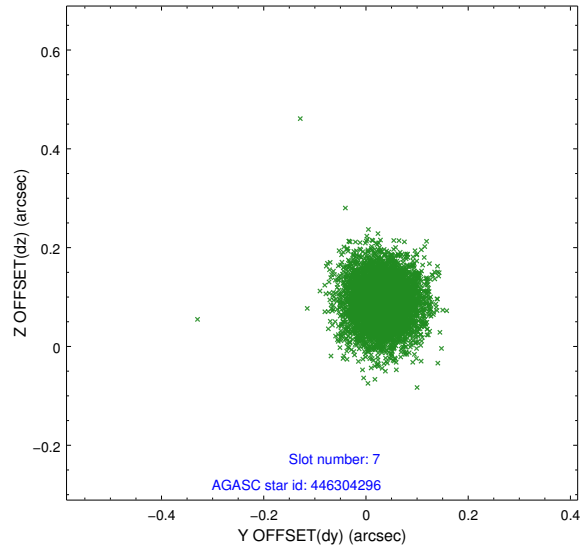
2.4.3 Slot 5



2.4.4 Slot 6

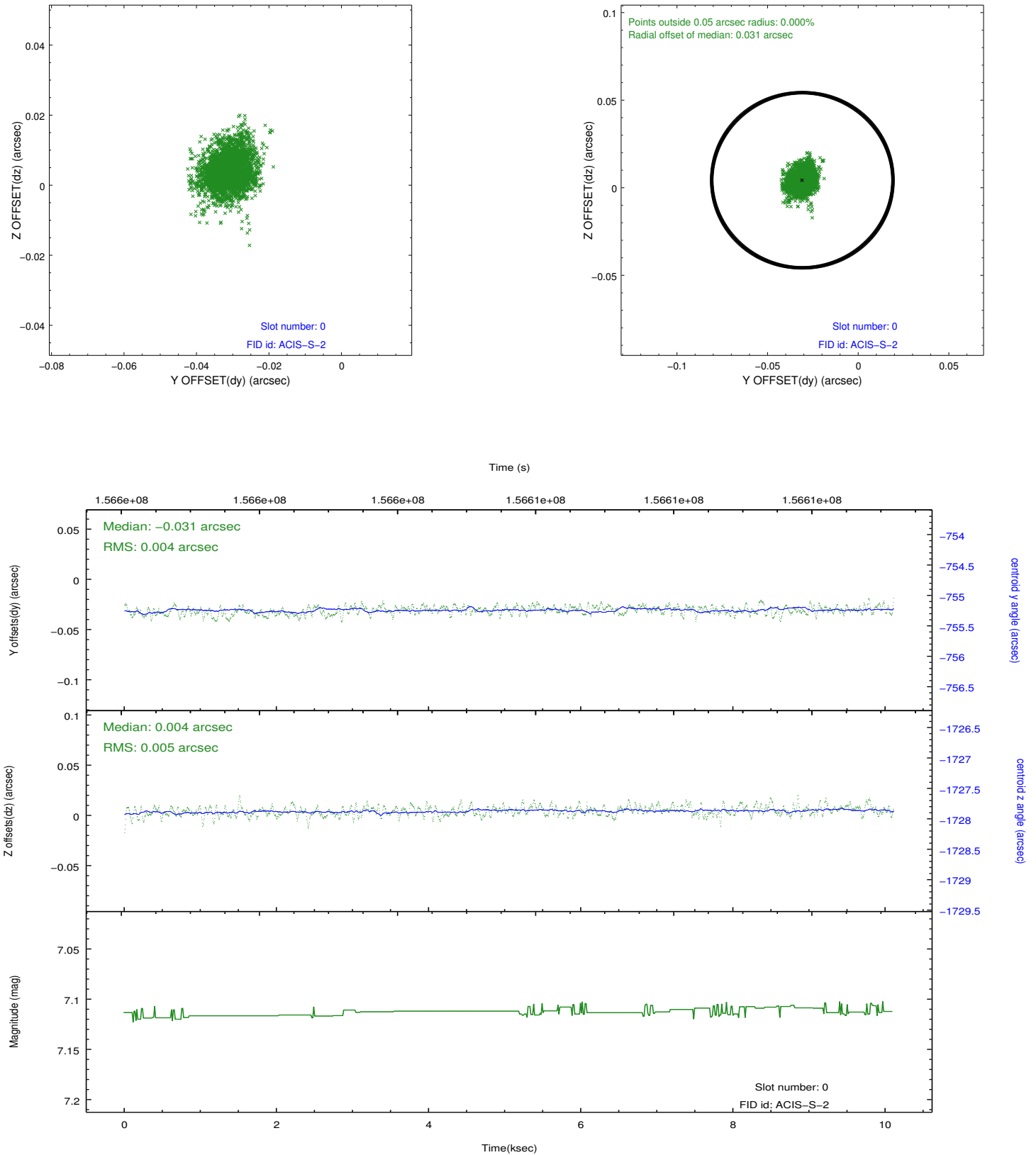


2.4.5 Slot 7

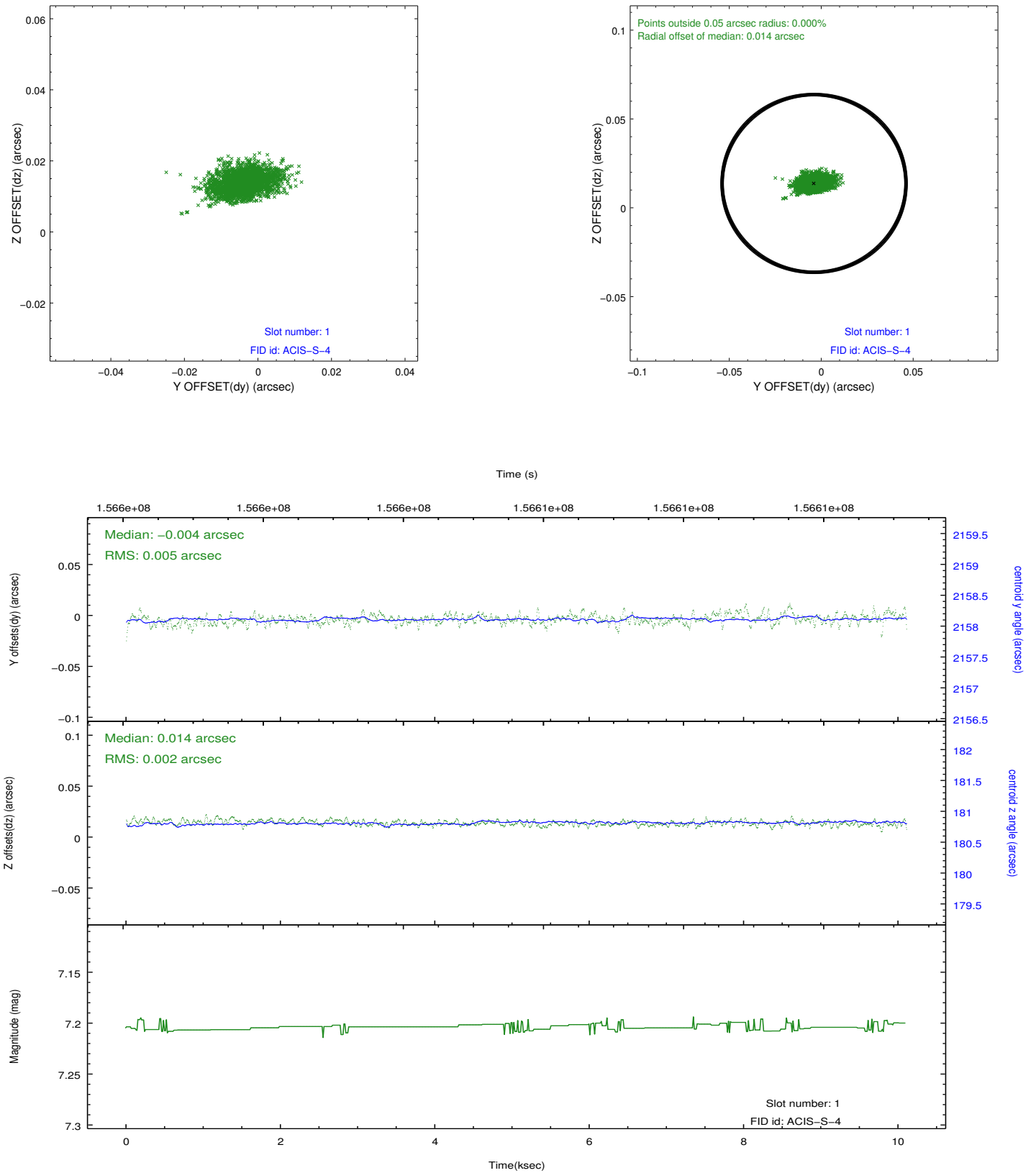


2.5 FID Slots

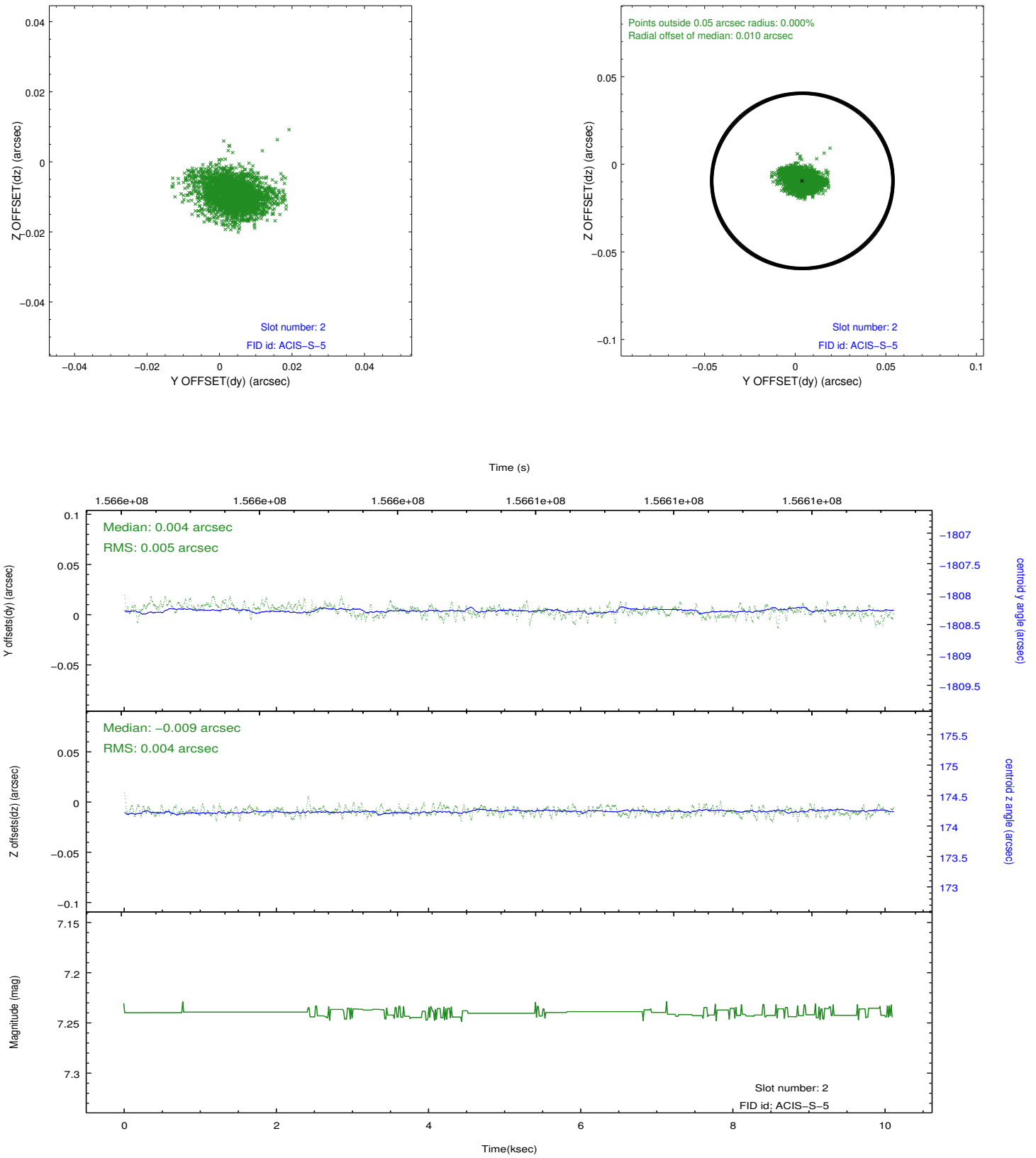
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.107

A.2 Comments